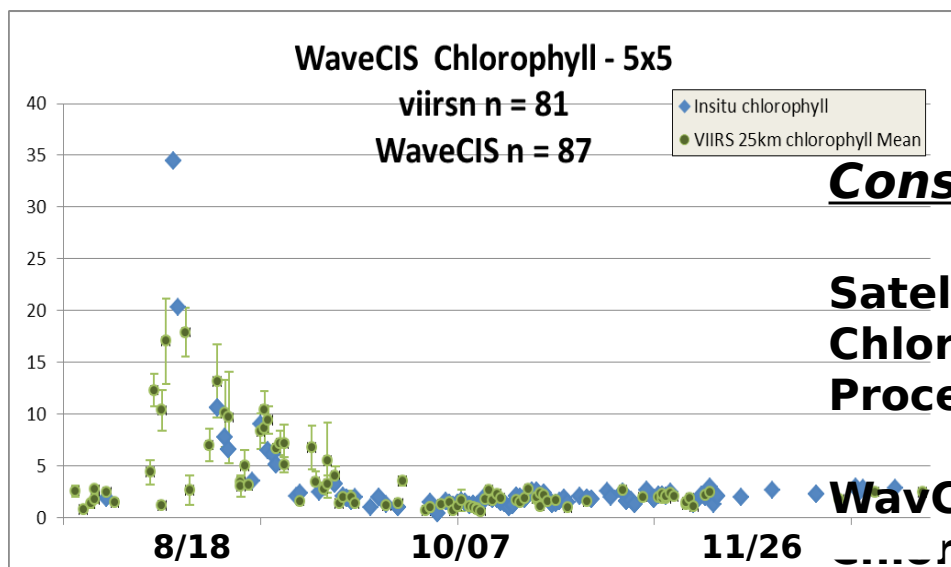
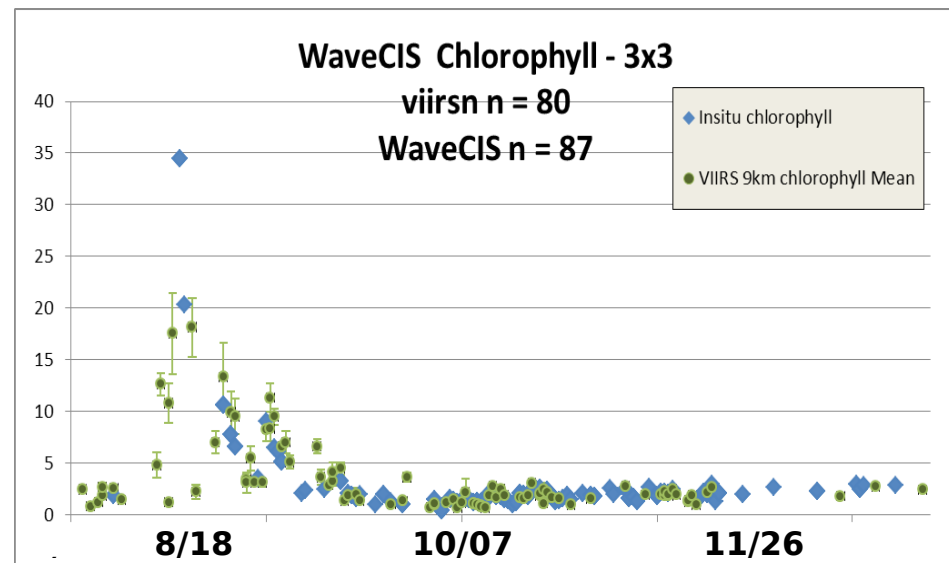
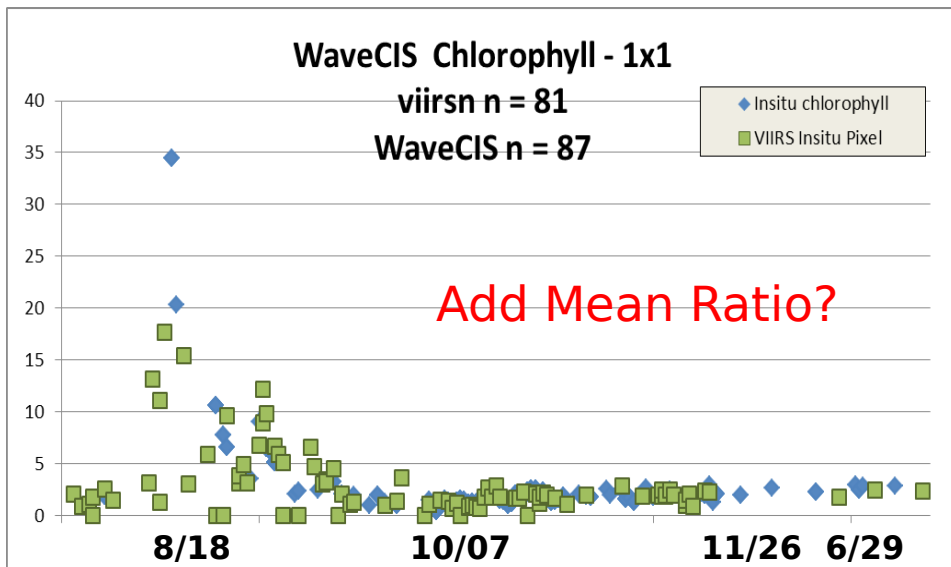


Stennis NOAA Cal/Val Cruise Status on Data Processing

- **NRL APS VIIRS Processing v5.8 :**
 - **w/ NASA 2014 Reprocessing Updates**
 - **Reprocessing Started for cruise dates (November 11 - 20, 2014)**
- **ASD:**
 - **23 Stations processed and QC (100% Complete)**
- **Hyperpro (Floating):**
 - **20 Stations Level 1 processing (0% Complete)**
- **Flowthru (AC9, Filtered AC9):**
 - **Level 1 processing (binary conversion to raw 1/m engineering units and merging of ships data GPS/CTD) of raw data (85% Complete).**
 - **Analysis of pre-cruise, cruise & post cruise ac9 calibrations (50% complete).**
 - **Level 2 processing (raw absorption and beam**

WAVCIS (CSI06) SeaPrism Updates

Chlorophyll Matchups



Note: 100% of all available Aeronet data has been obtained.

Constraints:

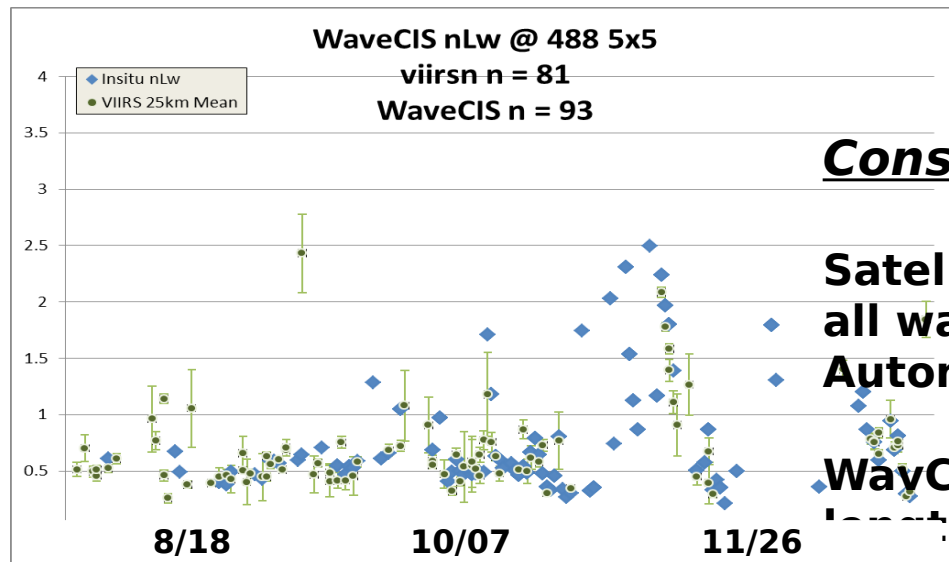
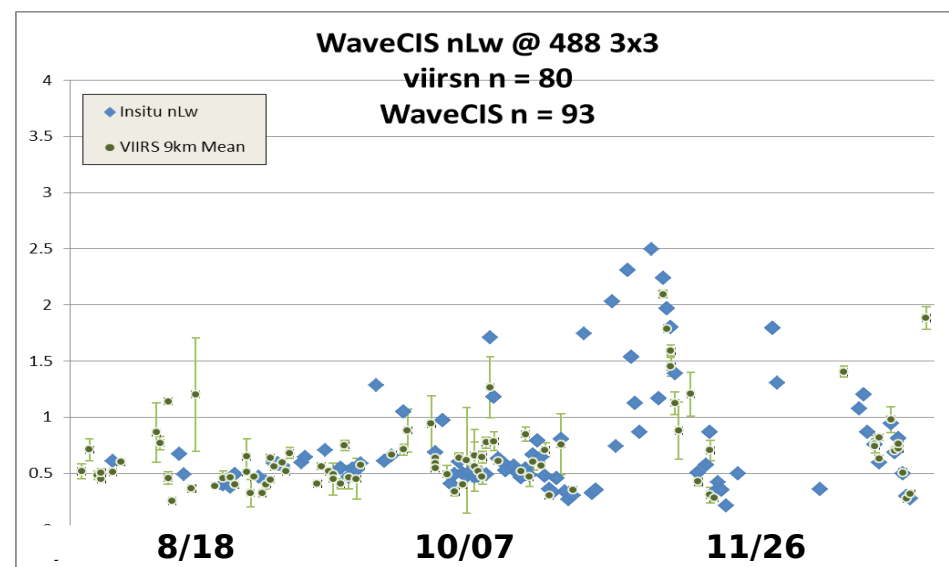
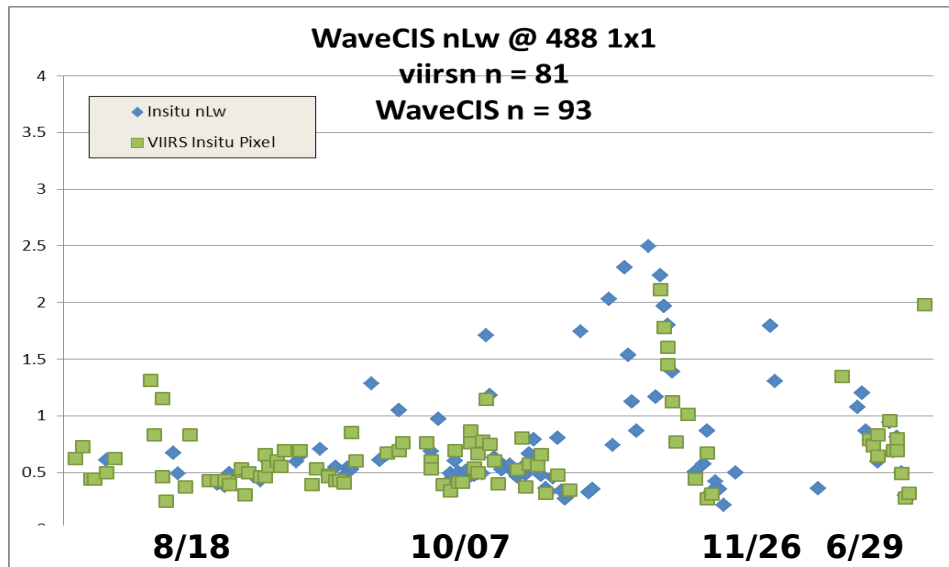
Satellite - Negative Values (Flags) and 50% v
Chlorophyll derived using NRL's Automated
Processing System (n2gen/l2gen)

WaveCIS - AOT>0.2; Wind speed> 8m/s.

Chlorophyll derived using Aeronet band ratios

WAVCIS (CSI06) SeaPrism Updates

nLw 488 Matchups



Note: 100% of all available Aeronet data has been obtained.

Constraints:

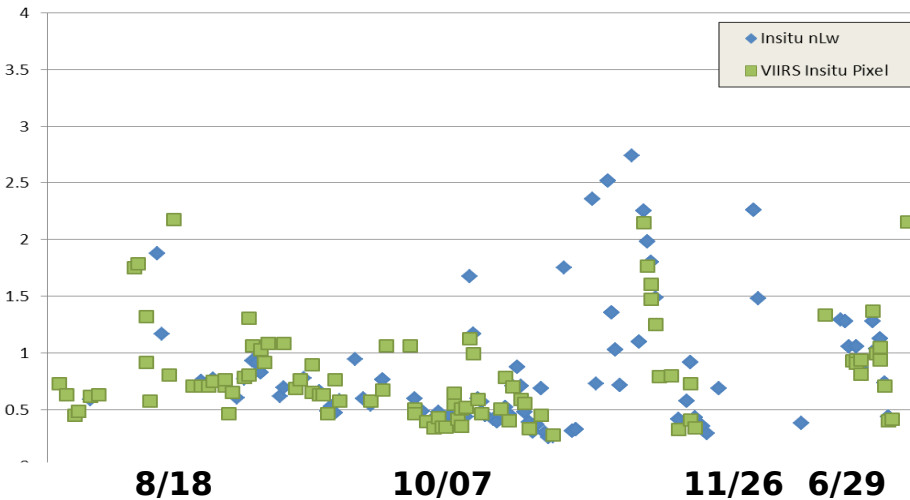
Satellite - Negative Values (Flags) and 50% valid at all wavelengths (nxn). nLw's derived using NPP Automated Processing System (n2gen/l2gen)

WaveCIS - AOT > 0.2; Wind speed > 8m/s; All wavelengths have to be valid.

WAVCIS (CSI06) SeaPrism Updates

nLw 551 Matchups

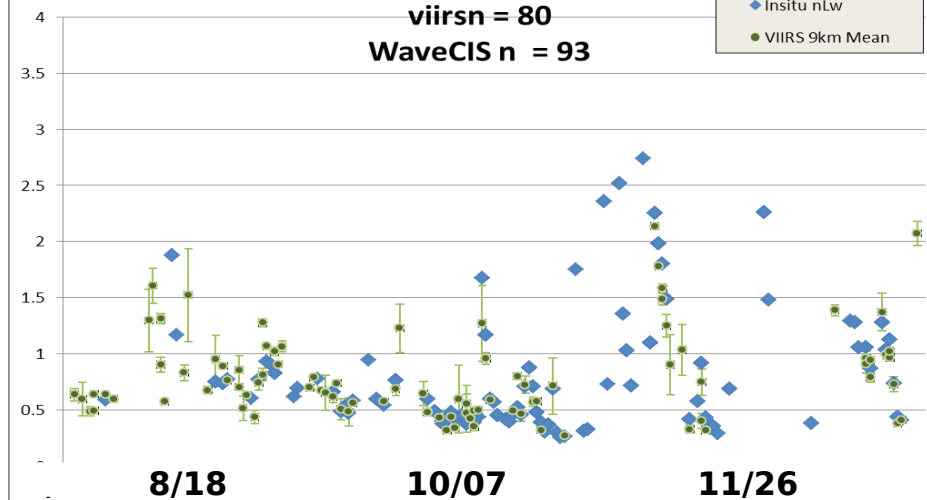
WaveCIS nLw @ 551 1x1



WaveCIS nLw @ 551 3x3

viirs n = 80

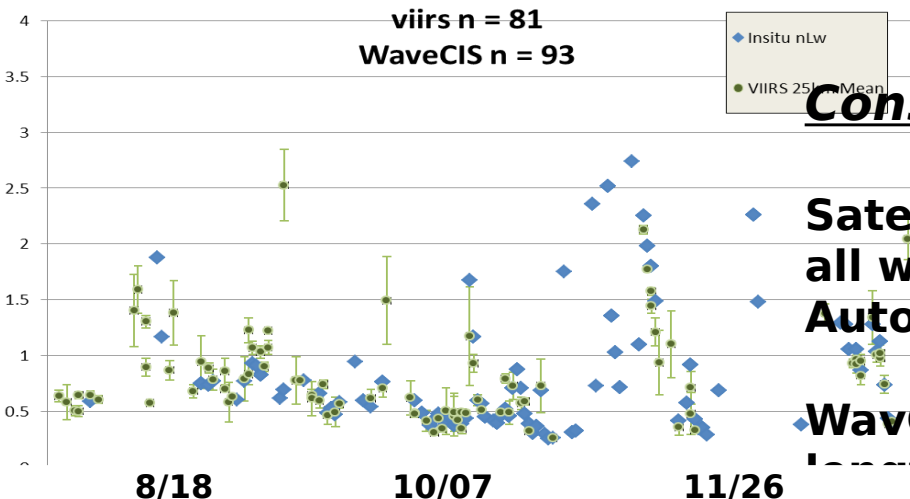
WaveCIS n = 93



WaveCIS nLw @ 551 5x5

viirs n = 81

WaveCIS n = 93



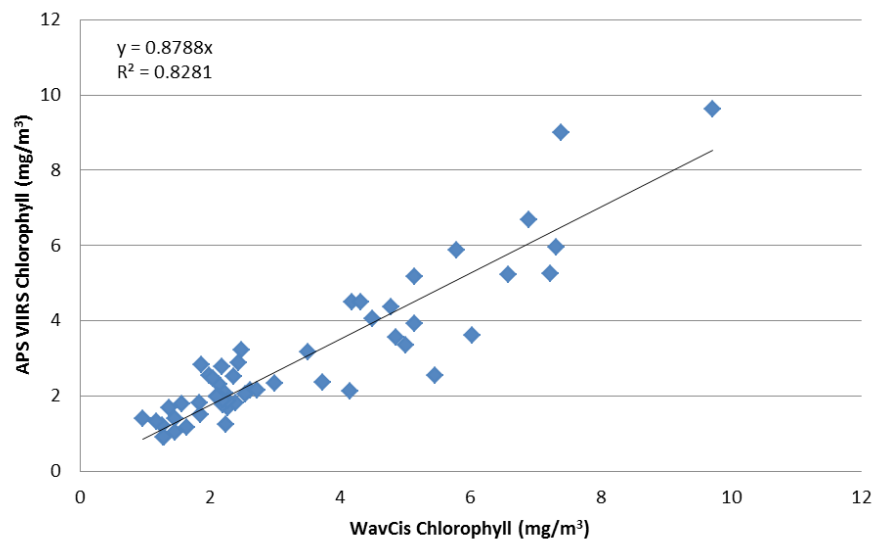
Note: 100% of all available Aeronet data has been obtained.

Constraints:

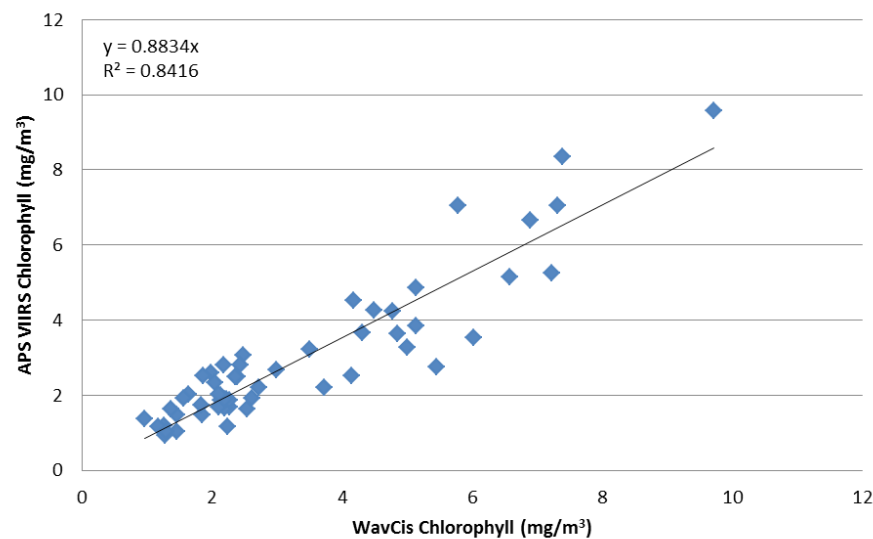
Satellite - Negative Values (Flags) and 50% valid at all wavelengths (nxn). nLw's derived using NPP Automated Processing System (n2gen/l2gen)

WaveCIS - AOT>0.2; Wind speed> 8m/s; All wavelengths have to be valid.

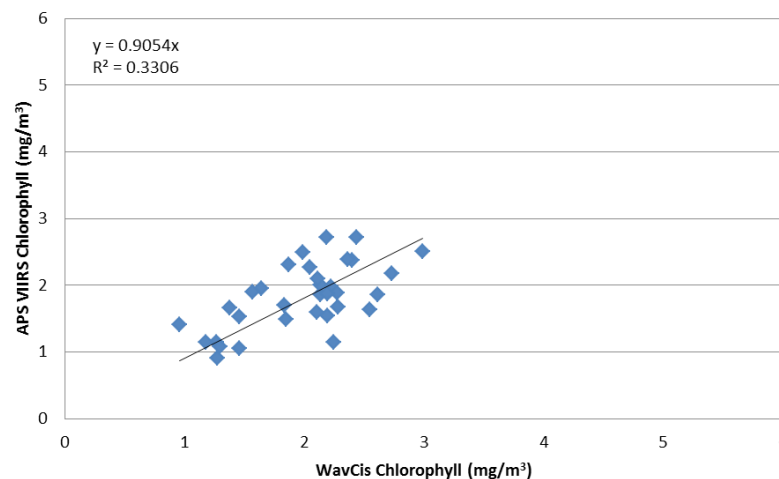
**VIIRS vs WavCIS Chlorophyll
July 2014 - February 2015 (1x1)**



**VIIRS vs WavCIS Chlorophyll
July 2014 - February 2015 (3x3)**



**VIIRS vs WavCIS Chlorophyll (5x5)
July 2014 - February 2015**



Working on this now!